

**REMARKS**

§ 112. New drawings are enclosed. The new drawings are believed to comply with all Office requirements.

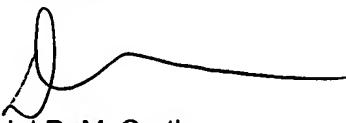
§ 102 & 103. New claims have been added which distinguish from the cited art. In particular, the Examiner is requested to consider the following:

- Heat dissipation grid (201a of Fig. 2a) is not disclosed by Begemann '722. Begemann only discloses a heat sink with 4 holes rather than a grid which increases surface area of the heat sink. Note that Cao has a primary heat sink, a secondary heat sink, and a heat sink grid. Begemann only has a primary and secondary heat sink but no heat sink grid.
- Unidirectional light bulb. Cao claims a light bulb which emits light in one direction only. Begemann and the other references disclose omnidirectional light bulbs. Cao mounts all LEDs on a single heat sink face positioned distal with respect to the light bulb connector, while Begemann uses multiple faces of a heat sink to achieve omnidirectional light emission.
- Uniplanar heat sink. Cao's secondary heat sink provides only a single face on which to mount LEDs, resulting in a unidirectional light bulb.

As these limitations are not found in the prior art, allowance of the claims is requested.

Any fees should be charged to Deposit Account No. 50-0581.

Respectfully submitted this 19<sup>th</sup> day of June, 2006.



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